

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

DATE FILED 11-2-87

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO.

U-05059-C

INDIAN

DRILLING APPROVED: 11-18-87

SPUDDED IN:

COMPLETED 11-21-90 PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED:

FIELD:

SAN ARROYO

UNIT:

SAN ARROYO

COUNTY:

GRAND

WELL NO.

SAN ARROYO UNIT #39

API #43-019-31249

LOCATION

1807' FSL FT. FROM (N) (S) LINE.

1927' FWL.

FT. FROM (E) (W) LINE.

NE SW

1/4 - 1/4 SEC. 15

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

16S

25E

15

BIRCH CORPORATION

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN DUPLICATE*

(Other instructions on reverse side)

RECEIVED
NOV 02 1987

5. Lease Designation and Serial No.

U-05059-C

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

San Arroyo

8. Farm or Lease Name

San Arroyo

9. Well No.

Unit #39

10. Field and Pool, or Wildcat

San Arroyo

11. Sec., T., R., M., or Blk.
and Survey or Area

Sec. 15, T16S, R25E

12. County or Parrish 13. State

Grand

Utah

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☐Gas Well ☒

Other

Single Zone ☒Multiple Zone ☐

2. Name of Operator

Birch Corporation

3. Address of Operator

3801 East Florida Avenue Suite 900 Denver, CO 80210

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

1807' 1870' ~~N 1/2~~ 1927' ~~E 1/4~~

At proposed prod. zone

NE SW

14. Distance in miles and direction from nearest town or post office*

30.5 miles NW of Mack. Colorado

15. Distance from proposed*

location to nearest
property or lease line, ft.

440'

16. No. of acres in lease

120

17. No. of acres assigned

to this well

320

18. Distance from proposed location*

to nearest well, drilling, completed,
or applied for, on this lease, ft.

100'

19. Proposed depth

6800'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

7512' GR

22. Approx. date work will start*

November 15, 1987

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	9-5/8"	36# K-55	350'	200 sx reg+2% CaCl2
8-3/4 & 7-7/8"	4-1/2"	11.6# K-55	6800'	300 sx 65/35 Pozmix or RFC

We propose to enlarge the location on San Arroyo Unit #11, move in a drilling rig and drill a new 6800' test hole to adequately evaluate 400' of the Entrada Formation. This well is to be drilled as a twin well to the San Arroyo Unit #11.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Tom Davis

Title Operations Manager

Date

10/30/87

(This space for Federal or State office use)

Permit No.

43-019-31249

Approval Date

APPROVED BY THE STATE

OF UTAH DIVISION OF
OIL, GAS, AND MINING

Approved by

Title

Conditions of approval, if any:

DATE

11-18-87

BY

John R. Bay

DATE

11-18-87

BY

John R. Bay

*See Instructions On Reverse Side

DATE

11-18-87

BY

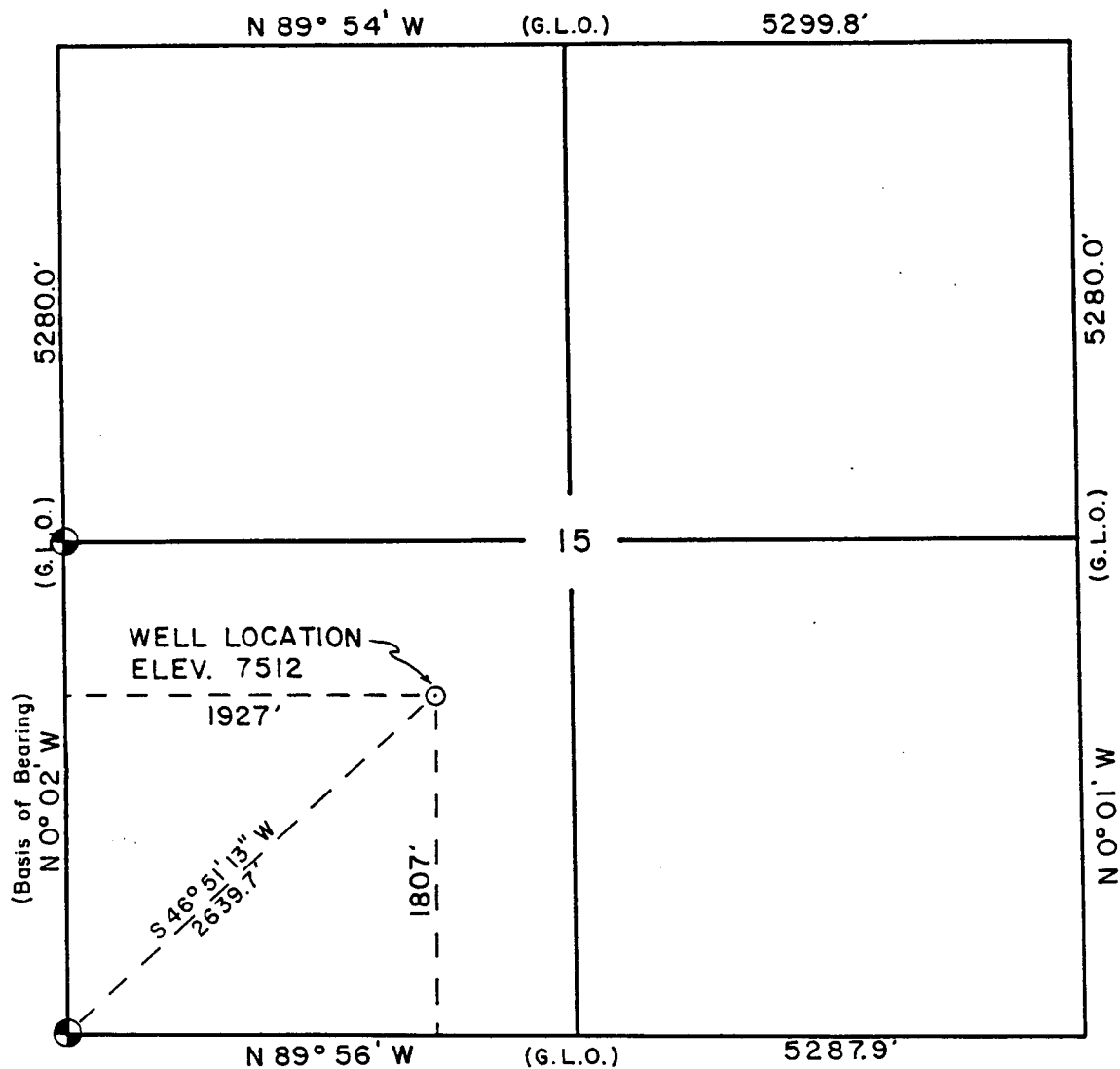
John R. Bay

DATE

11-18-87

BY

John R. Bay



0 500 1000
SCALE 1"=1000'

U.S.G.L.O.
BRASS CAP
1923

WELL LOCATION
1807 FT.N.S.L. - 1927 FT.E.W.L.
SECTION 15, T.16 S., R. 25 E., S.L.B. & M.

SURVEYOR'S CERTIFICATE

I, MICHAEL W. DRISSEL, A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

No. 6934

MICHAEL W. DRISSEL

MICHAEL W. DRISSEL

L.S. 6934

RECORDED
NOV 02 1987

DIVISION OF
OIL, GAS & MINES

	GORDON ENGINEERING, INC. ENGINEERING - SURVEYING	
	Date 10-26-87	SAN ARROYO UNIT 39
	Drawn by SLH	
	Checked by MWD	Sheet 1 of 3
Survey date 10-16-87	Job # 87025	



gordon
engineering
Consulting Engineer
Specialists in Oil and Gas

NOV 02 1987

Prospect/Field
Well Name

San Arroyo

Lease # U-05059

San Arroyo Unit #39

Division

State

Utah

County

Grand

WELL PROGNOSIS

Location NE 1/4 SW 1/4

Sec. 15

Twp. 16S

Rge. 25E

Footage 1807' N/S

1927' E/W

Elevation Gr. 7512'

Kb

() Wildcat

(X) Development

GEOLOGICAL REQUIREMENTS

SAMPLE PROGRAM
10 samples 350 to 6800
samples to

Samples to Amstrat: Yes No ☒ X

Samples to other partners No

Deviation Limit 10° Not to exceed 1°/100

LOGGING PROGRAM

IES to
Dual Induction 350' to 6800'
BHC Acoustic to
BHC Density -CNL Minimum to 6800'
Laterolog 3 to
Microlaterolog to
SNP to
Gamma Ray Neutron to
Dipmeter to

CORING PROGRAM None

DST PROGRAM None

Mud Logger Required: Yes ☒ No

Type 24 hr. 4800'-6800'

Geologist: From None to

Formation Tops

Depth

Wasatch	Surface
Mesaverde	145'
Castlegate	2092'
Mancos "A"	2868'
Emery	3326'
Niobrara	3666'
Ferron	5422'
Dakota Silt	5686'
Dakota	5742'
Cedar Mountain	5890'
Morrison	6007'
Entrada	6383'

ID 6800'

Coowners and Participants

DRILLING PROGRAM

CASING PROGRAM

HOLE SIZE

Size

Weight

Depth

Cement

12 1/2" to 350'	9 5/8" to 4 1/2"	36# K-55 #	350'	200 sx reg +2% w/ CaCl2
8 3/4 & 7 7/8" to 6800'	4 1/2" to	11.6# K-55 #	6800'	300 65-35 Pozmix w/ or RFC sax

MUD PROGRAM

Type	Depth		Characteristics			
	From	To	Wt.	Vis.	%Oil	W.L.
Water	0	350	8.3-8.5			
Air, Air Mist	350'	6300				
Gel	6300	6800	8.6-8.9	35-39		8-10

APPROVED: Land

Production

Geological

Management

RECORDED
NOV 02 1987

DRILLING PROGRAM
BIRCH CORPORATION

DIVISION OF
OIL, GAS & MINING

SAN ARROYO UNIT WELL NO. 39
SAN ARROYO FIELD
GRAND COUNTY UTAH

1. SURFACE FORMATION AND ESTIMATED FORMATION TOPS:

Wasatch	Surface
Mesaverde	145'
Castlegate	2092'
Mancos "A"	2868'
Emery	3326'
Niobrara	3666'
Ferron	5422'
Dakota Silt	5686'
Dakota	5742'
Cedar Mountain	5890'
Morrison	6007'
Entrada	6383'

2. ESTIMATED DEPTH AT WHICH OIL, GAS, WATER, OR OTHER MINERAL-BEARING ZONES ARE EXPECTED:

Potential Oil Zones:

Niobrara	3666'
Ferron	5422'
Dakota	5742'
Cedar Mountain	5890'
Morrison	6007'
Entrada	6383'

Potential Water Zones:

Dakota Silt	5686'
Dakota	5742'
Cedar Mountain	5890'
Morrison	6007'
Entrada	6383'

Potential Gas Zones:

Castlegate	2092'
Mancos "A"	2868'
Emery	3326'
Niobrara	3666'
Ferron	5422'
Dakota Silt	5686'
Dakota	5742'
Cedar Mountain	5890'
Morrison	6007'
Entrada	6383'

Potential Mineral Zones:

Mesaverde (coal)	145'
Dakota Silt (uranium)	5686'
Dakota (uranium)	5742'
Morrison (uranium)	6007'
Entrada (uranium)	6383'

3. PRESSURE CONTROL EQUIPMENT:

A diagram illustrating the pressure control equipment is attached. BOP equipment will consist of a flanged 10" series 900 hydraulically actuated double gate system complete with blind rams and 3½", 4", or 4½" pipe rams. Remote controls for the system will be operational and hand wheels installed. BOP and the choke manifold will be installed after running and cementing surface casing. This equipment will be used continuously until the well is abandoned or production casing run and cemented for completion. Surface casing, the blind rams, pipe rams and choke manifold will be pressure tested to 1000 psig prior to drilling the plug.

During drilling the operation of this equipment will be inspected daily and the pipe rams checked for operation. The blind rams will be closed every trip when the drill string has been removed. All inspections, operations, and tests of this equipment will be recorded on the daily drilling report.

The Moab BLM office will be notified twenty-four (24) hours in advance of any pressure tests.

Other auxiliary equipment will include a float at the bit, kelly cock and full opening pipe valve on the floor.

4. CASING PROGRAM AND AUXILIARY EQUIPMENT:

Surface casing will be new 9-5/8" OD 36#/ft. K-55 grade set from surface to 350 feet and cemented with 200 sacks of regular cement containing 2% calcium chloride and ½ lb./sk. cellophane. Cement will be circulated to surface.

Production casing will be new 4-½" OD 11.6#/ft. K-55 grade set from surface to 6800 feet and cemented with 300 sacks 65/35 pozmix or RFC cement. This should fill approximately 1000 feet above Dakota top.

Well head equipment will be a 3000 psig working pressure bradenhead for the 8-5/8" surface casing. A flanged 3000 psig working pressure tubing spool will be used for a tubing head.

Note: A 8-3/4" bit will be used to drill the cement shoe of the surface casing and penetrate the Castlegate Formation. As soon as the bit is dull, a 7-7/8" bit will be used from this depth to total depth providing that shallow water production is not encountered. If shallow water is encountered, then consideration may be given to running an intermediate casing string of 7" new 20#/ft K-55 casing. This string will be cemented with 100 sacks of regular cement and the hole finished with a 6-1/4" bit.

5. MUD PROGRAM AND CIRCULATING MEDIUM:

Water will be used to drill the 12-1/4" hole to 350 feet where surface casing will be set. Air or air-mist will be used to drill the 8-3/4 - 7-7/8" hole until sufficient gas flow or moisture is encountered requiring the use of a chemical gel mud.

6. CORING, TESTING, AND LOGGING PROGRAMS.

No cores or DST's are planned as these are development wells. Proposed logs are:

Dual Induction Log	-	350' - TD
BHC Density-Compensated Nuetron	-	Minimum 2000' at various intervals

7. ABNORMAL CONDITIONS, BOTTOM HOLE PRESSURES AND POTENTIAL HAZARDS:

Maximum pressure anticipated is 1500 psig in the Entrada Formation and should not require more than normal mud weight for control. No abnormal temperatures or hydrogen sulphide are anticipated.

8. ANTICIPATED STARTING DATES AND NOTIFICATIONS OF OPERATIONS:

Anticipated starting date is November 15, 1987, and it expected that the duration of operations will be up to 120 days for drilling and completion.

The Operator will contact the Moab BLM Office at 801-259-6111, forty-eight hours prior to beginning any dirt work on this location.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Manager. If operations are suspended prior approval of the District Manager will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the BLM Manager within a minimum of twenty-four (24) hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a week-end or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed directly with the Bureau of Land Management, P. O. Box 970, Moab, Utah 84532.

IMMEDIATE REPORTS: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Moab BLM in accordance with requirements of NTL-3A.

If a replacement rig is contemplated for completion operations, a Sundry Notice (Form 3160-5) to that effect will be filed for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.

Should the well be successfully completed for production, the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than five (5) business days following the date on which the well is placed in production.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Grand Resource Office will coordinate the field conference.

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the BLM Area Manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed thirty (30) days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guideline in NTL-4A.

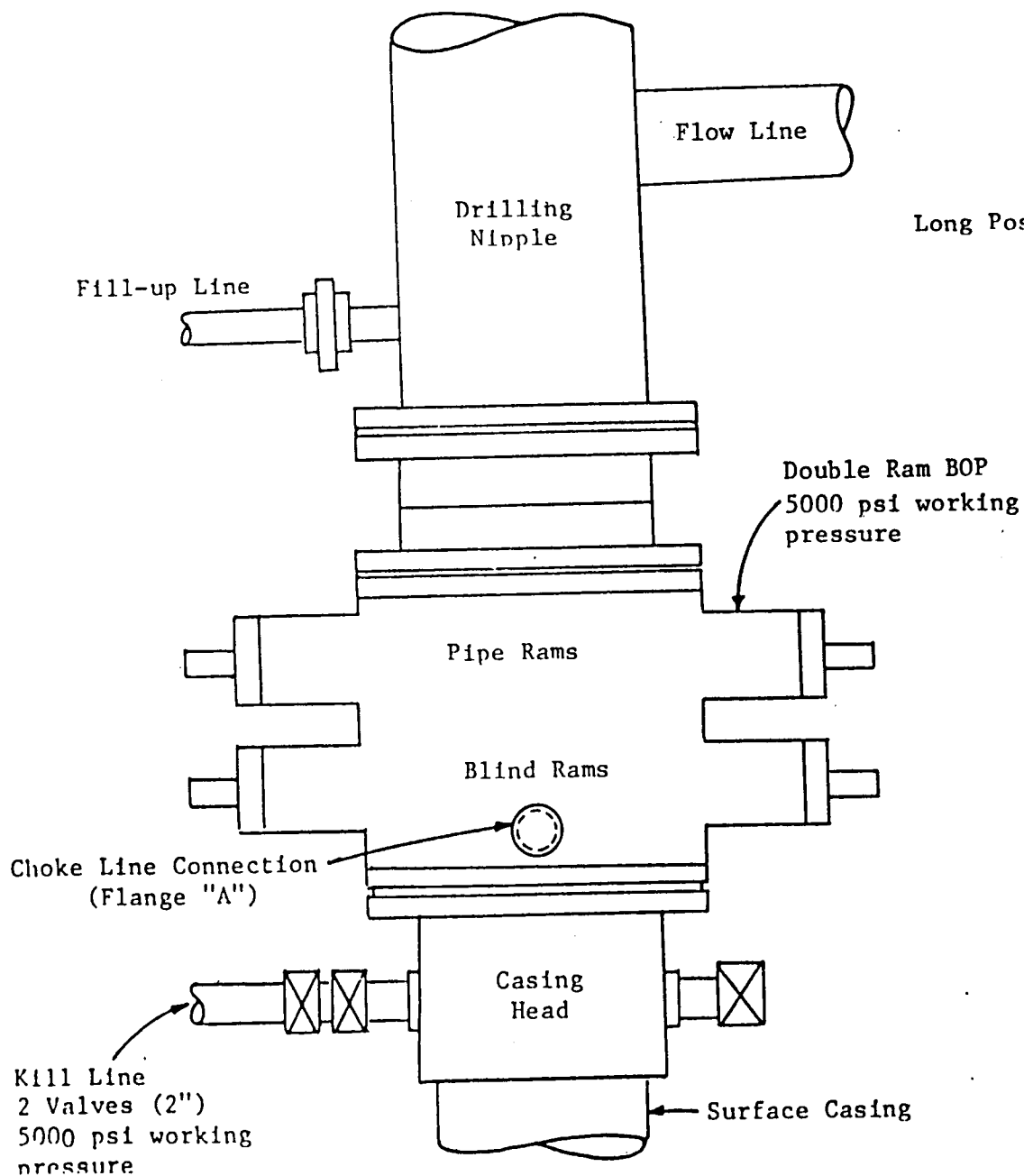
Upon completion of approved plugging, a marker 4" x 4' long will be erected in accordance with 43 CFR 3162.6. The marker will be constructed after contouring. The top of the marker will be closed or capped and the following minimum information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch:

"Fed" or "Ind" as applicable.

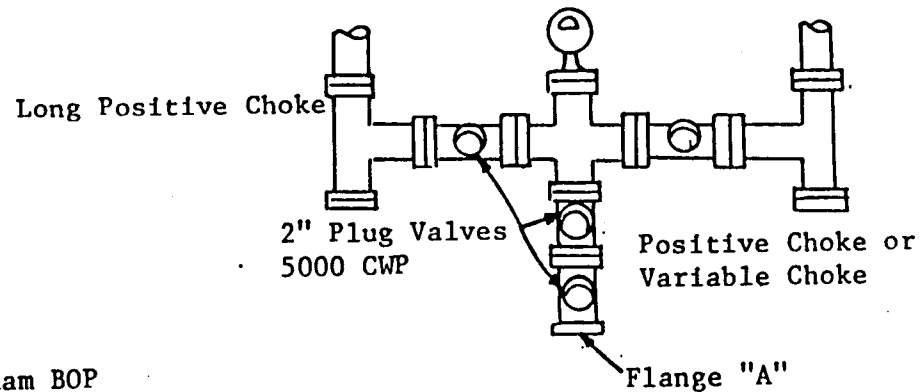
"Well number, location by $\frac{1}{4}$ section, township, and range."

"Lease Number, county, and state."

Blow Out Preventor



Flanged Cross with Pressure Gauge in Outside Opening



Plan View-Choke Manifold

Testing Requirements

Pipe rams: Operated daily.
Blind rams: Operated and closed every opportunity.
Accumulation: Checked daily.

Figure III

BLOW OUT PREVENTOR

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

BIRCH CORPORATION

SAN ARROYO UNIT WELL NO. 39

GRAND COUNTY, UTAH

1. EXISTING ROADS.

- A. The location is approximately 30.5 miles northwest of Mack, Colorado.
- B. The proposed route to the location is by traveling west on Hiway 6 & 50 approximately $8\frac{1}{2}$ miles to the intersection of Hiway 6 & 50 and Mesa County Road No. 2. Turn north off Hiway 6 & 50 on 2 Road and proceed northwest. Go up Bitter Creek. At San Arroyo station go west up the hill approximately $1\frac{1}{2}$ miles. Before the top of the ridge, turn right and proceed north approximately $\frac{3}{4}$ of one mile. The location is the same location as San Arroyo Unit #11. See Plat No. 1 and Plat No. 2.
- C. Plans for improvement and maintenance of existing roads: Hiway 6 & 50 west of Mack, Colorado is a two-lane paved road while Mesa County Road No. 2 and the road up to San Arroyo Ridge are in good shape. Because the location is the location of a producing well the access is in good shape. Should maintenance be required, the road will be flat graded.

2. PLANNED ACCESS ROADS.

- A. Plat No. 2 illustrates the access which is currently used to access San Arroyo Unit #11. No additional road construction is anticipated except moving the existing roadway to the northwest corner of the drill pad.
- B. Grades are less than 8%.
- C. Turnouts: None.
- D. The centerline of the road has not been flagged because the road is pre-existing.
- E. Drainage: Pre-existing drainage control will be utilized.
- F. Surface Materials: No additional surface material is anticipated.
- G. Other: No Rights-Of-Way is required since this well is within the boundaries of the San Arroyo Unit.

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional areas needed will be approved by the appropriate BLM Manager in advance.

The access road will be rehabilitated or brought to Resource (Class III) Road standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met, the BLM Manager will be notified so that temporary drainage control can be installed along the access road.

3. LOCATION OF EXISTING WELLS.

Plat No. 3 illustrates the location of all existing wells in a two mile radius: there are twenty-four(24) producing gas wells and five (5) dry holes.

4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES.

All permanent (onsite for six (6) months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earth-tone color to match the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be Juniper Green.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager. Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. LOCATION AND TYPE OF WATER SUPPLY.

All water needed for drilling and completion purposes will be obtained from West Salt Creek as shown by Plat No. 1. The point of divergence is located in Mesa County, Colorado. Water will be hauled to location by truck. A Utah water permit will not be necessary as water is being obtained from Colorado.

6. SOURCE OF CONSTRUCTION MATERIALS.

None.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3. Source of construction material will be located on lease.

7. METHOD OF HANDLING WASTE DISPOSAL.

The reserve pit will not be lined. Three sides of the reserve pit will be fenced before drilling starts and the fourth side will be fenced as soon as drilling is completed. The fence will consist of three strands of barbed wire and will be kept in good repair while the pit is drying.

7. METHOD OF HANDLING WASTE DISPOSAL Continued.

Produced waste water will be confined to the pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the BLM Manager's approval pursuant to Onshore Oil and Gas Order #3 (NTL-2B).

Plat No. 4 illustrates the rig layout and the position of the trash cage and reserve pit.

- A. Cuttings: These will be contained on location in the reserve pit.
- B. Drilling fluids, chemicals, and salts: These will be contained in the reserve pit.
- C. Sewage: Chemical toilets will be used.
- D. Garbage and other waste materials: A portable trash cage will be kept on location to contain these. Periodically the location will be cleaned and all trash placed in the container. No trash will be thrown in the reserve pit. The trash cage will be hauled to a sanitary landfill and emptied when it fills up. Barrels, cable, wood pallets, and all other trash will be hauled to a local sanitary landfill to be disposed of. Open burning of trash and refuse is illegal under Section 2.4 of the Utah Air Conservation Regulations. The Operator will be responsible for all trash and roadside litter generated by their operations along their access route - from County Road to the location.
- E. If burning is required, a permit will be obtained from the State Fire Warden in Moab, Utah.

8. ANCILLIARY FACILITIES.

None.

9. WELLSITE LAYOUT.

Plat No. 4 shows the rig layout, Plat No5 shows the pad layout. Plat No. 6 illustrates the cuts and fills. The reserve pit is located on the cut side of the location.

The reserve pit will be located on the west side of the location and a burn pit will be constructed. Both pits will be connected by a small trench so that any accumulation of liquids in the burn pit will drain into the reserve pit. To contain any flare of natural gas, the back side of burn pit will be banked and this should help keep any material contained. The blowie line will be directed into the burn pit and water will be injected into the blowie line for fugitive dust control. The top twelve (12) inches of soil material will be removed from the location and stockpiled separately on the northeast side of the location.

The access road will enter on the north side of the location and the trash cage will be situated to the southwest of the location, as shown by Plat No. 4.

10. PLANS FOR RESTORATION OF SURFACE.

The Operator or his Contractor will contact the Grand Resource BLM Office in Moab, Utah, telephone 801-259-8193, forty-eight (48) hours prior to starting rehabilitation work that involves earth moving equipment and upon completion of restoration measures.

10. PLANS FOR RESTORATION OF SURFACE Continued.

Before any earthwork to restore the location takes place, the reserve pit will be dry and all trash (barrels, metals, etc.) it contains must be removed and disposed of in a sanitary landfill. And immediately upon completion of drilling, the location and surrounding areas will be cleared of all remaining debris, materials, trash and junk not required for production.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The disturbed areas will be reseeded using a seed mixture as stipulated by the Grand Resource BLM Office in Moab, Utah. Seeding will be accomplished by using a range drill or by doubling the prescribed mixture and broadcasting.

11. PRODUCTION, SURFACE AND MINERAL OWNERSHIP.

If well goes to production, the holder shall submit a proposed operation and maintenance plan for the permanent road after consultation with the BLM authorized officer for applicable road standards.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the method described in the Restoration of Surface section.

All above ground production facilities will be painted with a flat non-contrasting color harmonious with the adjacent landscape, subject to the approval of the authorized officer.

Plat No. 7 shows the layout of the typical production facilities and sales line. The sales line will follow the alignment of the road and will be a surface line. The diameter of the sales line will be 2-3/8" tubing with screwed construction. The connections will be coated with an adequate joint compound such as "Baker-Lok" to prevent any leakage. The line will be placed either above the cuts on the high side of the road or it will be staked above the road along the cut slopes.

The surface and minerals are owned by the United States Government and lease number U-05059-C is described as follows:

Township 16 South, Range 25 East, Grand County, Utah.

Section 15: S $\frac{1}{2}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$
Containing 120± acres.

12. OTHER INFORMATION.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the BLM in Moab. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

A cultural resource clearance has been prepared. If culture material is exposed during construction work, work in that spot will stop immediately, and

12. OTHER INFORMATION Continued.

the Grand Resource Office will be contacted. All employees working in that area will be informed by the Operator that they will be subject to prosecution for disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.

The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.

This permit will be valid for a period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION:

Representative: Gordon Engineering, Inc.
P.O. Box 3525
Grand Junction, CO 81502
(303)-245-1958

(Sandy Randall)

Operator: Birch Corporation
Mr. Tony Hines
3801 E. Florida, Suite 900
Denver, CO 80212
(303)-759-4400

Certification: I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Birch Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Date

10/30/87

Tony Hines

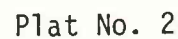
Tony Hines
Operations Manager

Taken from U.S.G.S. Regional Map Grand Junction, CO-Utah

Proposed Location
San Arroya Unit #39

21.0 miles to Hwy 6 & 50

Water Source



NOV 02 1987

DIVISION OF
OIL, GAS & MINING

PROPOSED LOCATION

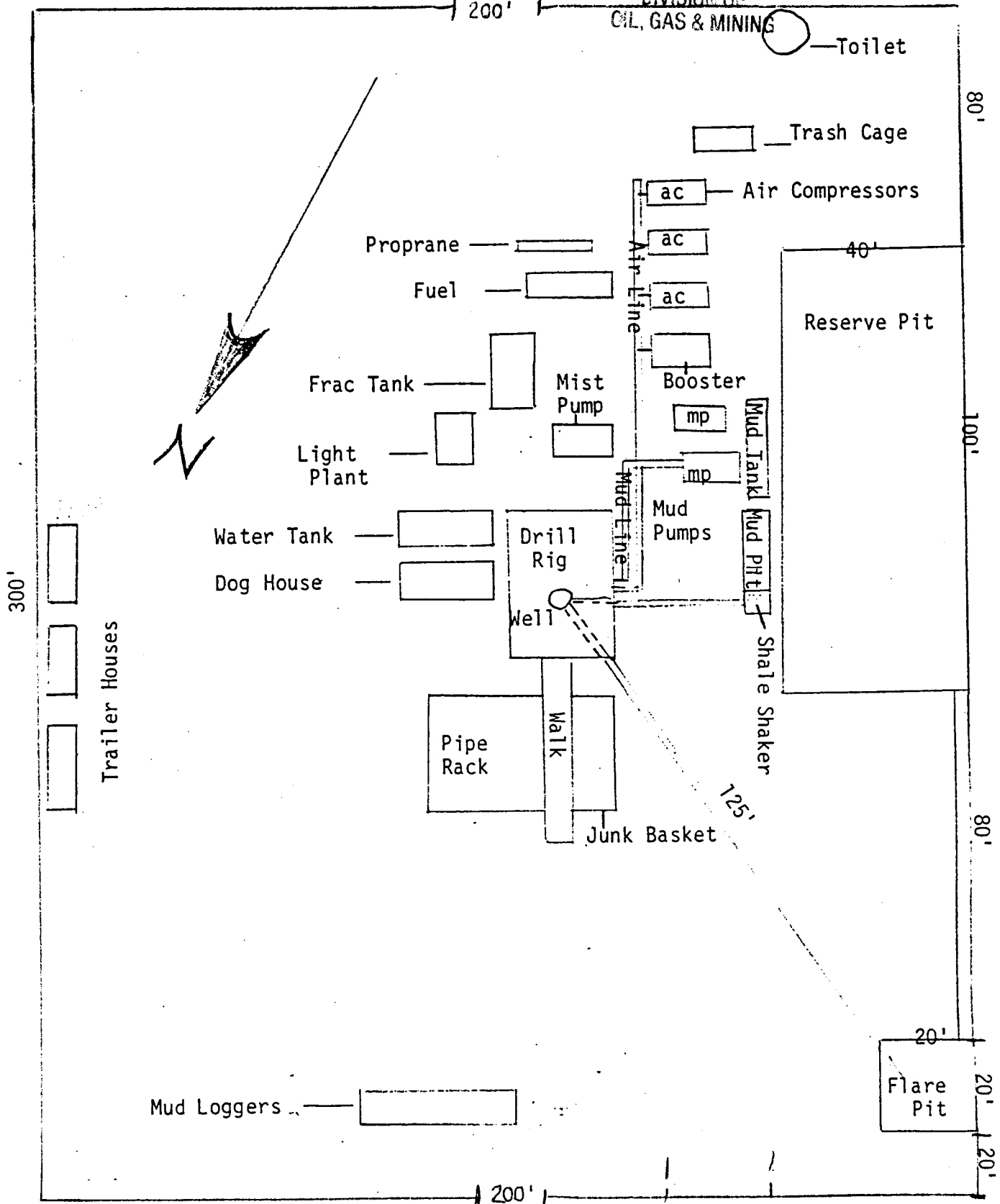
Plat No. 3

RECORDED

NOV 02 1987

RIG LAYOUT

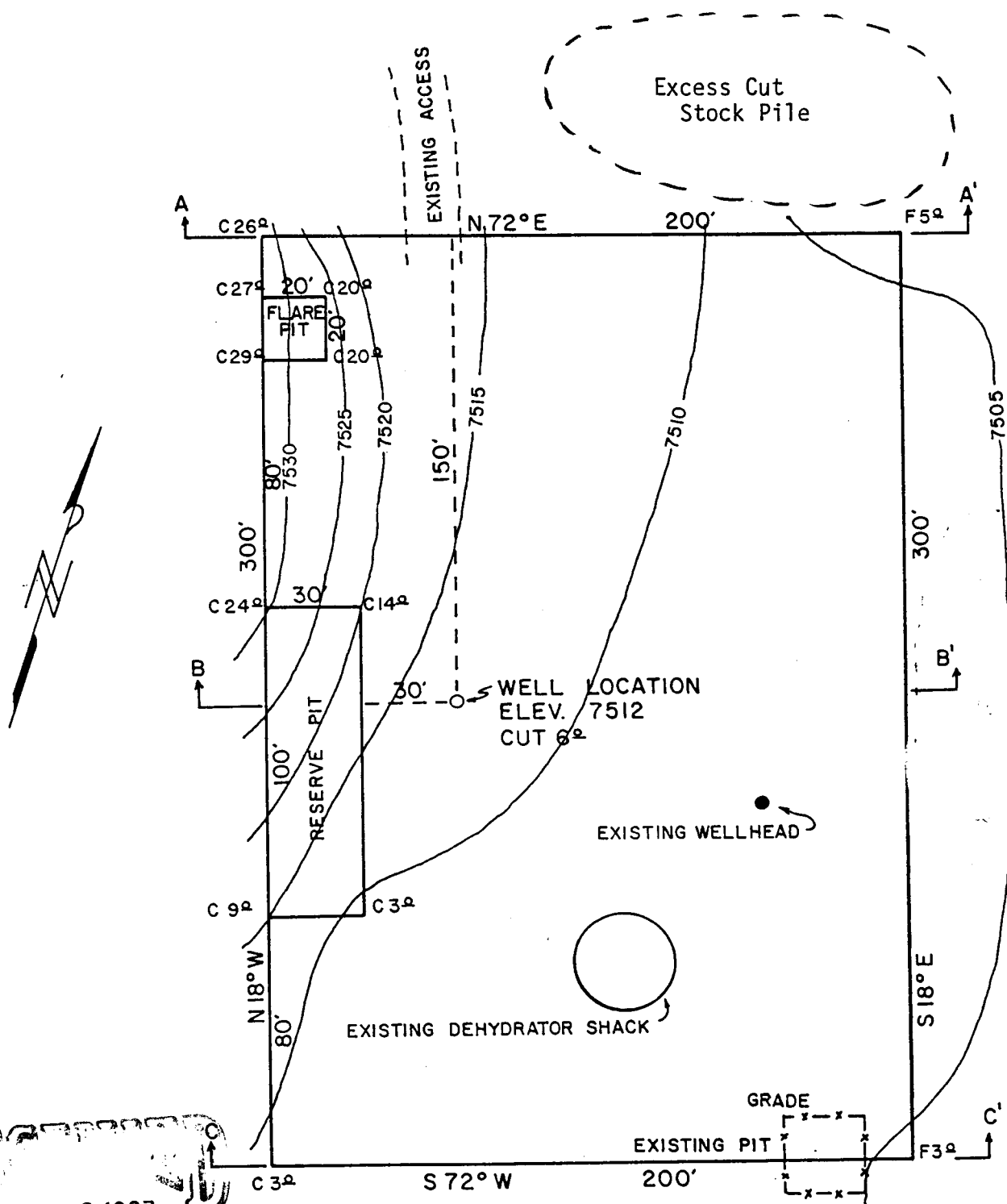
DIVISION OF
OIL, GAS & MINING



Access Road

Plat No. 4

PAD LAYOUT



RECEIVED
NOV 02 1987

DIVISION OF
GAS & MINING

SAN ARROYO UNIT 39

SCALE 1" = 50'

SHEET 2 OF 3

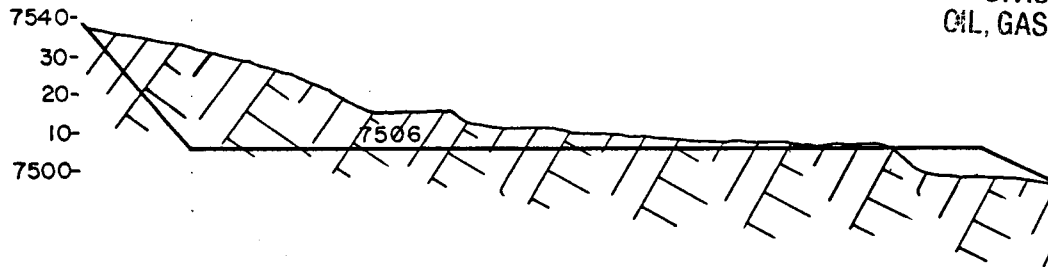
Plat No. 5

CROSS SECTIONS

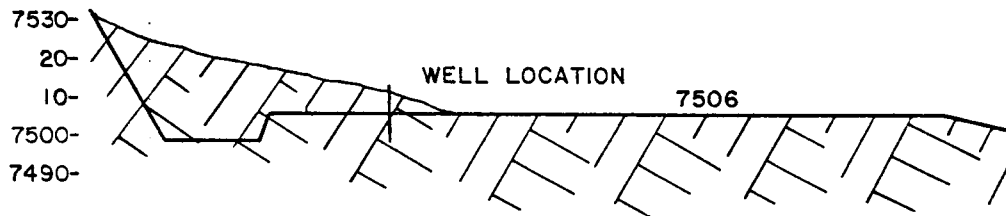
SECTION A - A'

RECORDED
NOV 02 1987

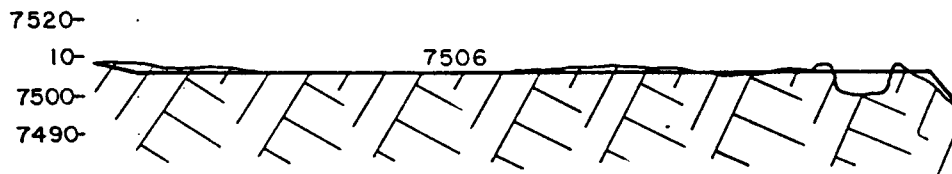
DIVISION OF
OIL, GAS & MINING



SECTION B - B'



SECTION C - C'

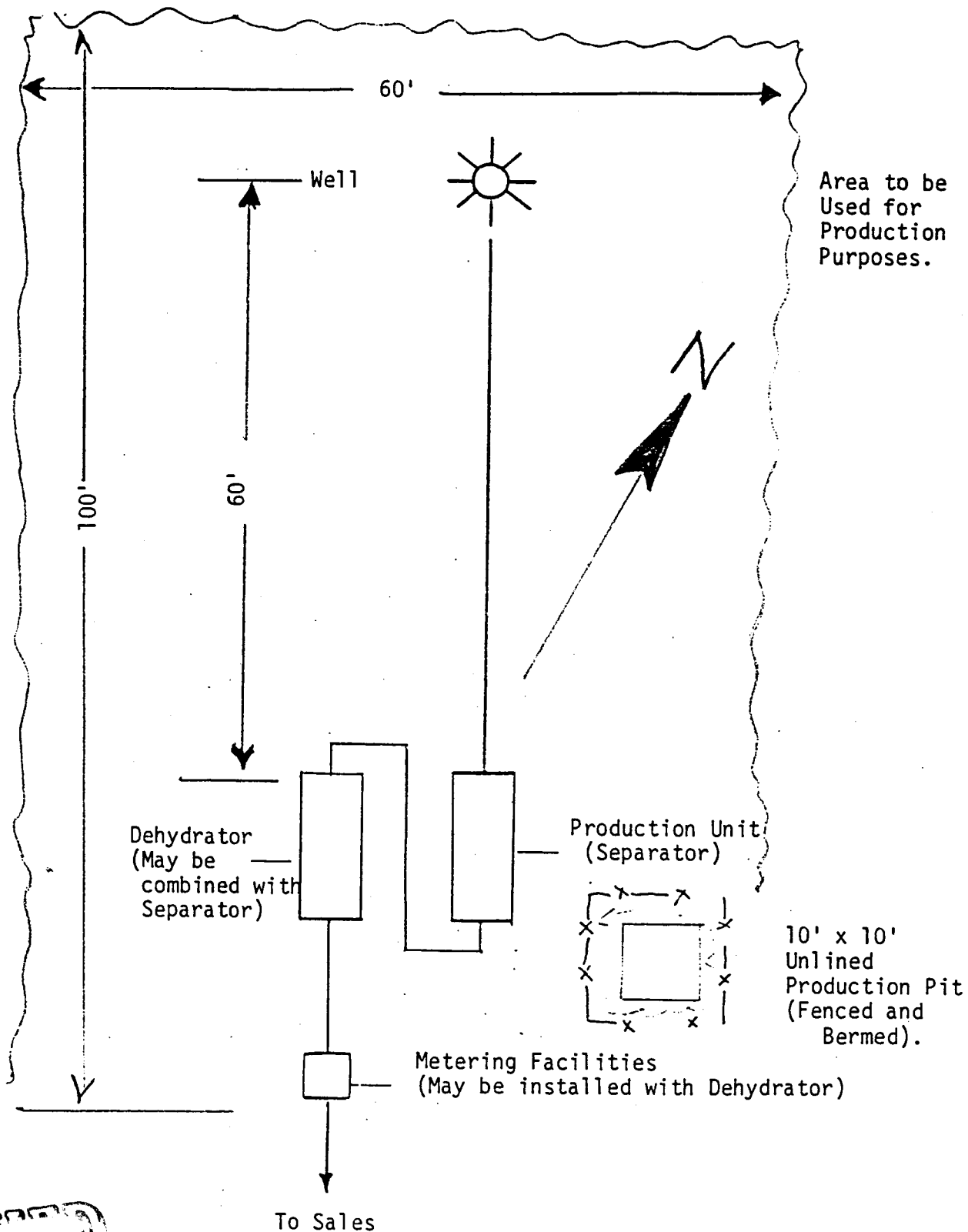


SCALE 1" = 50' HORIZ. & VERT.

SHEET 3 OF 3

Plat No. 6.

PRODUCTION FACILITIES



RECORDED
NOV 02 1987

DIVISION OF
OIL, GAS & MINING

111011

OPERATOR Bick Corp DATE 11-4-87

WELL NAME San Arroyo Unit #39

SEC NE SW 15 T 16 S R 25 E COUNTY Grand

43-019-31249
API NUMBER

Fed
TYPE OF LEASE

CHECK OFF:

☒

PLAT

☒

BOND

☒

NEAREST
WELL

☒

LEASE

☒

FIELD

☒

POTASH OR
OIL SHALE

PROCESSING COMMENTS:

Unit well

Water - Colorado

APPROVAL LETTER:

SPACING:

☒

R615-2-3

San Arroyo
UNIT

☐

R615-3-2

☐

CAUSE NO. & DATE

☐

R615-3-3

STIPULATIONS:

0218T

November 18, 1987

Birch Corporation
3801 E. Florida Avenue, Suite 900
Denver, Colorado 80210

Gentlemen:

Re: San Arroyo Unit #39 - NE SW Sec. 15, T. 16S, R. 25E
1807' FSL, 1927' FWL - Grand County, Utah

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule R615-2-3, Oil and Gas Conservation General Rules.

In addition, the following actions are necessary to fully comply with this approval:

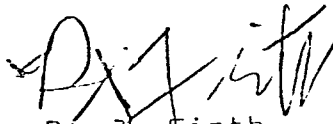
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2
Firth Corporation
San Arroyo Unit #39
November 18, 1987

6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-019-31249.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

ES
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
3159T

TO State of Utah
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center Suite 350
Salt Lake City, Utah 84180-1203

FROM



**gordon
engineering** INC.
Consulting Engineer
Specialists in Oil and Gas

P.O. BOX 3525
GRAND JUNCTION, CO 81502
(303) 245-1958

SUBJECT Birch Corporation, San Arroyo Unit #39

DATE 11 / 18 / 87

MESSAGE

Attn: Arlene

Arlene - per our telephone conversation today, attached is a Sundry Notice changing the footage from the south line on San Arroyo Unit #39. Please change the state application for permit to drill to reflect this change.

SIGNED

Thanks
Sandy Peavy

REPLY

SIGNED

DATE / /

SEND PARTS 1 AND 2 - PART 2 WILL BE RETURNED WITH REPLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLY
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-059059-C <i>Duly</i>	
2. NAME OF OPERATOR BIRCH CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 120119	
3. ADDRESS OF OPERATOR 3801 EAST FLORIDA AVENUE SUITE 900 DENVER, CO 80210		7. UNIT AGREEMENT NAME San Arroyo	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1807' FSL, 1927' FWL		8. FARM OR LEASE NAME San Arroyo	
14. PERMIT NO. 43-019-31049		9. WELL NO. Unit #39	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7512' GR		10. FIELD AND POOL, OR WILDCAT San Arroyo	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 15, T16S, R25E	
		12. COUNTY OR PARISH Grand	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Transmit Information	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This Sundry Notice to is correct information submitted on our Application for Permit to Drill recently submitted. Please note that the location of the well was incorrectly reported as being 1870' N/S, 1927' E/W. This should be corrected to read 1807' FSL, 1927' FWL. Please make all appropriate changes.

18. I hereby certify that the foregoing is true and correct

SIGNED *Long*

TITLE Operations Manager

DATE 11/23/87

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT IN TRIPLICATE
(Other instructions on reverse side)
NOV 23 1987

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
U-05059C
120128

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
San Arroyo

8. FARM OR LEASE NAME
San Arroyo

9. WELL NO.
Unit #39

10. FIELD AND POOL, OR WILDCAT
San Arroyo

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec 15, T16S, R25E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK
(Oil, Gas & Mining)

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Birch Corporation

3. ADDRESS OF OPERATOR

3801 East Florida Avenue Suite 900 Denver, CO 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1870' N/S 1927' E/W

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

30.5 miles NW of Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

440'

16. NO. OF ACRES IN LEASE

120

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

100'

19. PROPOSED DEPTH

6800'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7512' GR

22. APPROX. DATE WORK WILL START*

November 15, 1987

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36# K-55	350' <i>KW</i>	200 sx req+2% CaCl2
8-3/4 & 7-7/8"	4-1/2"	11.6# K-55	6800'	300 sx 65/35 Pozmix or RFC

We propose to enlarge the location on San Arroyo Unit #11, move in a drilling rig and drill a new 6800' test hole to adequately evaluate 400' of the Entrada Formation. This well is to be drilled as a twin well to the San Arroyo Unit #11.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Gene Nodine

TITLE

Operations Manager

DATE

10/30/87

(This space for Federal or State office use)

PERMIT NO.

43-019-31049
/S/ GENE NODINE

APPROVAL DATE

DISTRICT MANAGER

DATE

NOV 18 1987

APPROVED BY

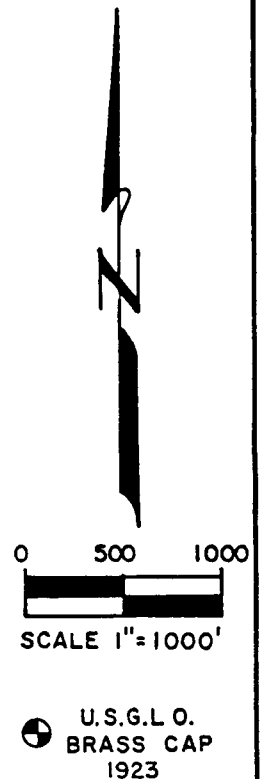
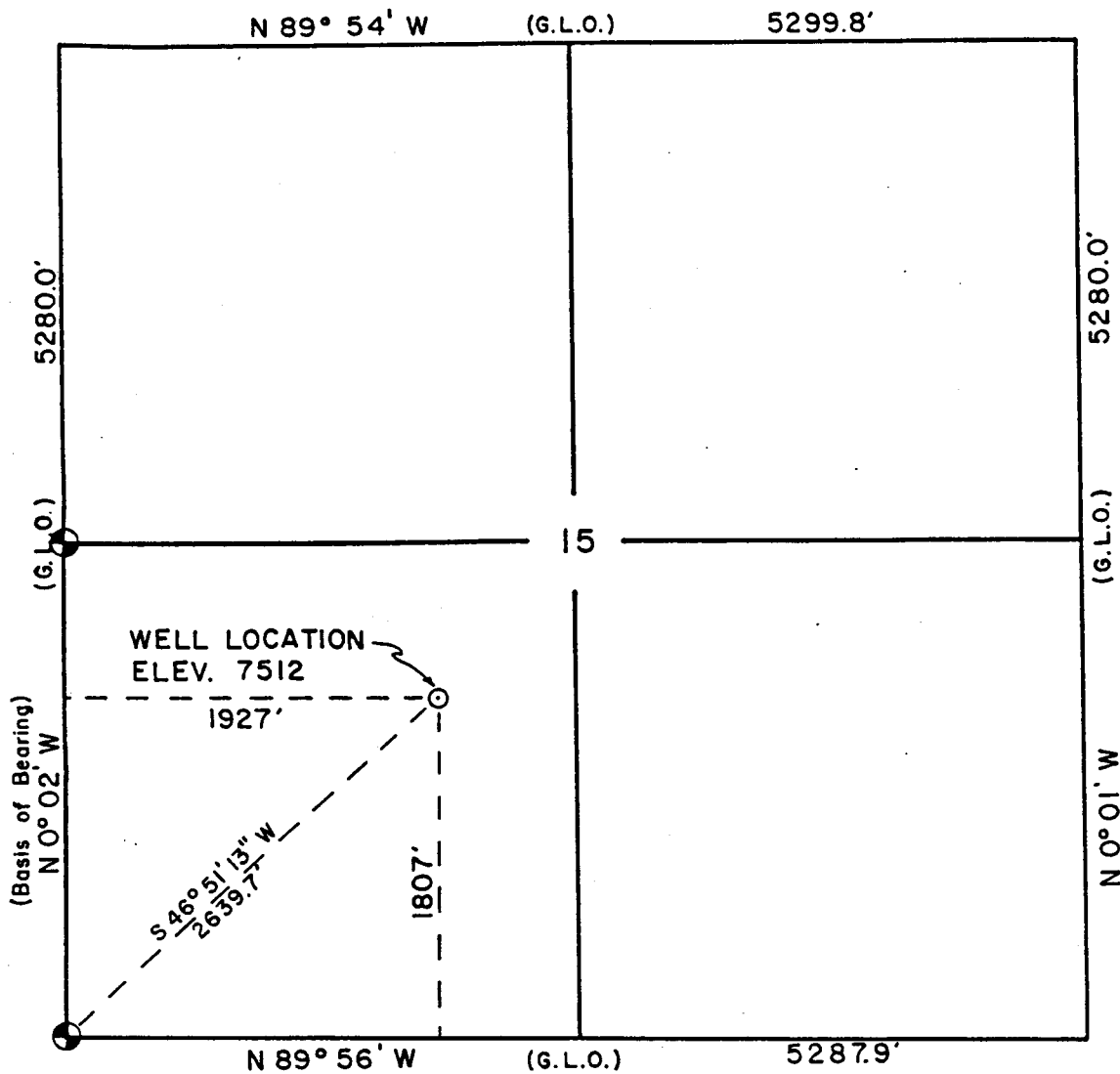
TITLE

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

FLARING OR VENTING OF
GAS IS SUBJECT OF NTL 4-A
DATED 1/1/80

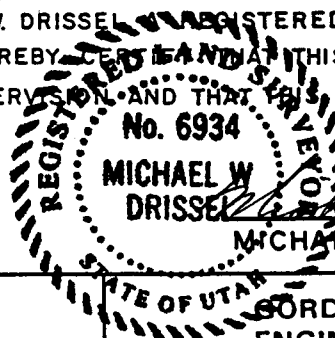
*See Instructions On Reverse Side



WELL LOCATION
 1807 FT.N.S.L. - 1927 FT.E.W.L.
 SECTION 15, T.16 S., R.25 E., S.L.B. & M.

SURVEYOR'S CERTIFICATE

I, MICHAEL W. DRISSEL, REGISTERED LAND SURVEYOR IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.



MICHAEL W. DRISSEL L.S. 6934

	GORDON ENGINEERING, INC. ENGINEERING - SURVEYING	
	Date 10-26-87	SAN ARROYO UNIT 39
	Drawn by SLH	
	Checked by MWD	Sheet 1 of 3
	Date 10-16-87	78025

Birch Corporation
Well No. San Arroyo Unit 39
Sec. 15, T. 16 S., R. 25 E.
Grand County, Utah
Lease U-05059-C

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

A. DRILLING PROGRAM

B.O.P.E. will be consistent with API RP 53.

B. SURFACE USE PROGRAM

If at any time the facilities located on public lands authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change) the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to the appropriate rental, or other financial obligation determined by the authorized officer.

Because of difficult terrains, special recontouring techniques may have to be designed in order to facilitate vegetation and/or visual impacts.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

The following seed mixture will be used:

<u>Species</u>	<u>lbs/acre</u>
<u>Grasses</u>	
Western wheatgrass	3
Smooth brometgrass	3
Intermediate or pubescent whestgrass	3
<u>Shrubs</u>	
Fourwing saltbrush	3
Prostrate kochia (summer cypress)	2
	<u>14</u> lbs/ac

Broadcast seed will be applied at double the above rate.

Final location release will be issued when the seeding is shown to be successful (when perennial vegetation is established).

NOTIFICATIONS

Notify the Grand Resource Area, at (801) 259-8193 for the following:

2 days prior to commencement of dirt work, construction or reclamation;

1 day prior to spudding;

1 day prior to pressure testing of BOPE and/or surface casing.

Your contact with the Grand Resource Area Office is:

Jeff Robbins

Office Phone (801) 259-8193

Home Phone (801) 259-7964

Grand Resource Area office address:

Grand Resource Area
Sand Flats Road, P.O. Box M
Moab, Utah 84532

Notify the Moab District Office, Branch of Fluid Minerals, at (801) 259-6111 for the following:

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly drilled dry holes, and in emergency situations, verbal approval can be obtained by calling the following individuals, in the order listed.

Steven Jones, Petroleum Engineer

Office Phone: (801) 259-6111

Home Phone: (801) 259-7404

Lynn Jackson, Chief, Branch of Fluid Minerals

Office Phone (801) 259-6111

Home Phone (801) 259-7990

Paul Brown, I&E Coordinator

Office Phone (801) 259-6111

Home Phone (801) 259-7018

24 hours advance notice is required for all abandonments.

3162 (U-065)
(U-05059-C)

Moab District
P. O. Box 970
Moab, Utah 84532

RECEIVED
FEB 9 1990
FEB 12 1990

DIVISION OF
OIL, GAS & MINING

Birch Corporation
3801 East Florida Avenue, Suite 900
Denver, Colorado 80210

Re: Rescinding Application for Permit to Drill
Well No. San Arroyo Unit #39
NEM Sec. 15, T. 16 S., R. 25 E.
Grand County, Utah
U-05059-C

Gentlemen:

The Application for Permit to Drill the referenced well was approved on November 18, 1987. Since that date, no known activity has transpired.

This approval was valid for a period of one year from the date of approval. In view of the foregoing, this office is rescinding the approval of the referenced application.

Should you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

If you have any questions, please contact the Branch of Fluid Minerals at (801) 259-6111.

Sincerely yours,

A. Lynn Jackson Acting
Assistant District Manager
Division of Mineral Resources

Enclosure:

Application for Permit to Drill - 1987

cc: GRA (w/o encl.)
State of Utah, Division of Oil, Gas & Mining (w/encl.) ✓

bcc: USO, U-942 (w/o encl.)

VButts:vb:2/8/89

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER ☐

2. NAME OF OPERATOR

Birch Corporation

3. ADDRESS OF OPERATOR

3801 East Florida Avenue Suite 900 Denver, CO 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1807' 1870' N/S 1927' E/W

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

30.5 miles NW of Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

440'

16. NO. OF ACRES IN LEASE

120

17. NO. OF ACRES ASSIGNED

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18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

100'

19. PROPOSED DEPTH

6800'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7512' GR

22. APPROX. DATE WORK WILL START*

November 15, 1987

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36# K-55	350' <i>KW</i>	200 sx req+2% CaCl2
8-3/4 & 7-7/8"	4-1/2"	11.6# K-55	6800'	300 sx 65/35 Pozmix or RFC

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OIL AND GAS

CON
RJF
GLH
SLS

1-TAS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Long

TITLE Operations Manager

MICROFILM

FILE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Deane

TITLE

District Manager

DATE

11/18/87

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT OF NTL 4-A
DATED 1/1/80

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☒ Well File Graham
San Arroyo Unit # 39
(Location) Sec 15 Twp 16 Rng 25e
(API No.) 43 019 31249

☐ Suspense
(Return Date) _____
(To - Initials) _____

☐ Other

1. Date of Phone Call: 2-5-90 Time: 1130 hrs

2. DOGM Employee (name) Chris Kierst (Initiated Call ☒)
Talked to:

Name Dale Manchester (Initiated Call ☐) - Phone No. (801) 259-6111
of (Company/Organization) BLM (Moab, Grand B)

3. Topic of Conversation: 43 019 31249 - is it LA?

4. Highlights of Conversation: 31249 is an LA

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

Dr1.

3

OPERATOR Buch Corp LEASE _____
WELL NO. San Arroyo Unit 39 API 43-019-31249
NE SEC. 10 T. 16S R. 25E CONTRACTOR _____
SW COUNTY Grand FIELD _____

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> SCPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN ☐ / TA ☐ :
☐ WELL SIGN ☐ HOUSEKEEPING ☐ EQUIPMENT* ☐ SAFETY
☐ OTHER

ABANDONED:
☐ MARKER ☐ HOUSEKEEPING ☐ REHAB. ☐ OTHER

PRODUCTION:
☐ WELL SIGN ☐ HOUSEKEEPING ☐ EQUIPMENT* ☐ FACILITIES*
☐ METERING* ☐ POLL. CONTROL ☐ PITS ☐ DISPOSAL
☐ SECURITY ☐ SAFETY ☐ OTHER

GAS DISPOSITION:
☐ VENTED/FLARED ☐ SOLD ☐ LEASE USE

LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: Loc. of San Arroyo Unit 11 extended
for this well but no well drilled

REMARKS: _____

ACTION: _____

INSPECTOR: _____

DATE

10-12-88



Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

February 21, 1990

Birch Corporation
3801 East Florida Avenue, Suite 900
Denver, Colorado 80210

Gentlemen:

Re: San Arroyo Unit #39, Sec. 15, T. 16S, R. 25E, Grand County, Utah
API No. 43-019-31249

In concert with action taken by the U.S. Bureau of Land Management, approval to drill the above referenced well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely

A handwritten signature in cursive script that reads "Don T. Staley".

Don T. Staley
Administrative Supervisor
Oil and Gas

TAS/lde

cc: D.R. Nielson
R.J. Firth
BLM - Moab
Well file

HOI2/19